H. Sprengel
Chemist
54, Denbigh Street, London, S.W.

Nov. 3rd 1900.

Dear Dr. Thompson,

In the enclosed letter, addressed to the President & Council of the Chemical Society, I mentioned you and page 9 as a historical authority. Will you kindly look at the matter and tell me to-morrow at 3 p.m., when I shall take the liberty of calling on you, whether

I have expressed myself to your satisfaction? Kindly mark in pencil anything you object to in this letter and oblige

Yours very sincerely

H. Sprengel

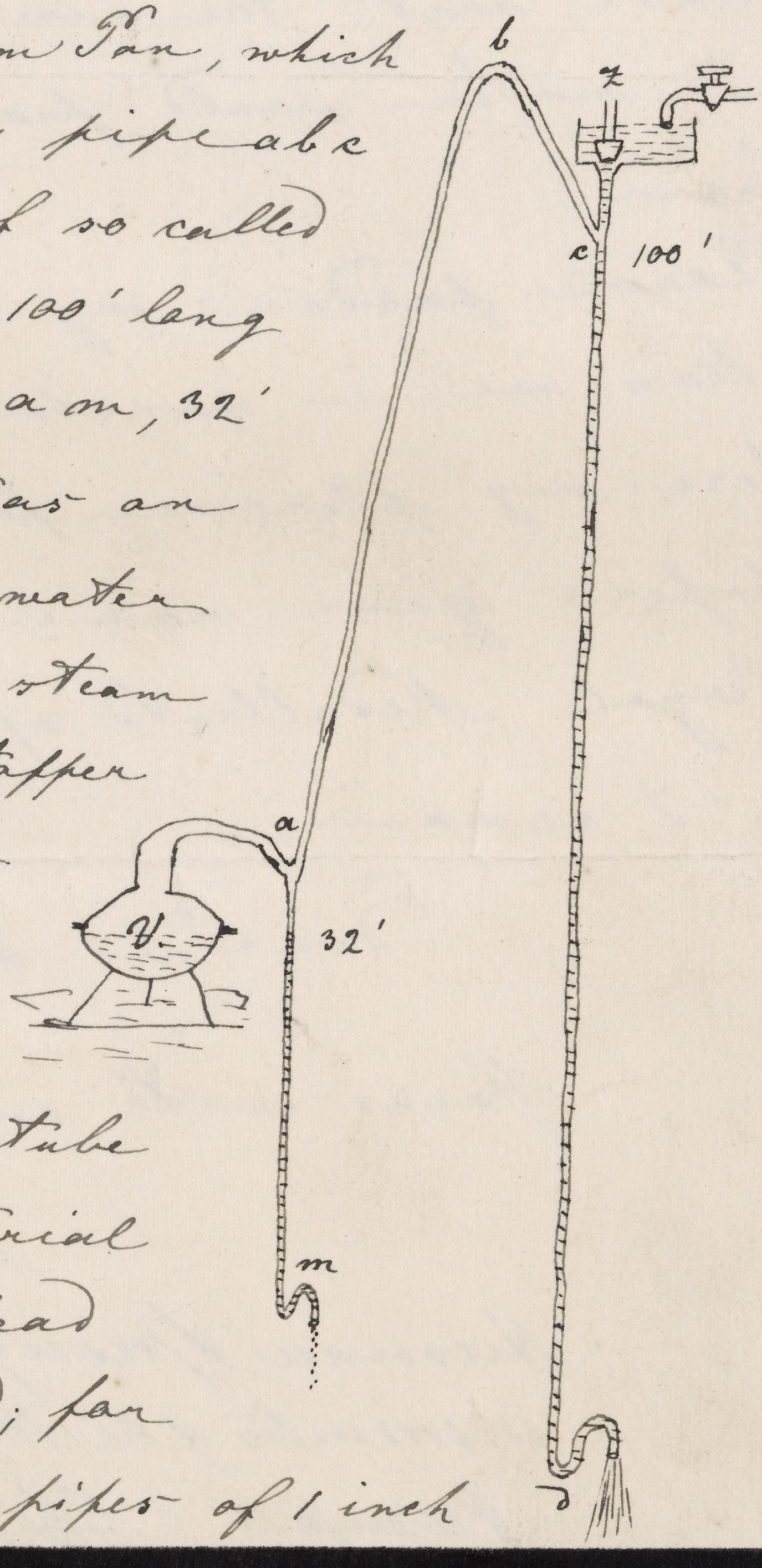
I told him it was too long and too bitter – that it could offend and irritate the neutral ones who otherwise might be his friends.

S.P.S.

DSI

that this assistance is so powerful, that the pumps à la Gŭericke might rest and be dispensed with altogether. — In this case the arrangement would be about as follows:

V is the Vacuum Pan, which is connected by pipe a b c with the top of so called "fall-tube" c d, 100' long here. The pipe a on, 32' long, is meant as an outflow of the water condensed from steam in pipe a b. Stopper Z regulates the entrance of cold water from the tank into fall-tube c d. As a material for the pipes lead might be used; for a b c d pressed pipes of 1 inch



or 1½ inch diameter, for a m of ½ inch. The steam not condensed in abc is sure to become so soon by contact with the cold water in cd as it's way downward. I do not think, that the air dissolved in the cold water would practically do much harm.

Please pardon my bad writing and allow me in conclusion to express here my pleasure for seeing in the papers your name among the Royal Medallists of this year.

I remain

dear D: Stenhouse

Yours with sincere regard

H. Sprengel.

Herman Sprengel
is inventor of the Mercurial air
Pump.

DSI

AUTOGRAPHE

de

Sprengel

Hermann Johann Philipp

OBSERVATIONS

P.a.s. 2 p. 8°, /engl./ Bruchstück eines Briefes an dr. Stenhouse , gibt Skizze und Beschreibung einer Disposition seiner Quecksilber-Luftpumpe.

1./

S p r e n g e l, Hermann, Johann, Philipp.- Dr.phil.1858 Heidelberg, erst der Landwirtschaft obliegend, studierte 1855-58 in Göttingen & Heidelberg, ward 1859 Assist.am Univ.Laborat.in Oxford, 1863 Chemiker am Laborator. des Guy´s Hospital & des Bartholomew´s Hospital 1865 Teilhaber an e.chem. Fabrik in London, seit, 1870 Privatmann daselbst, 1878 Mitgl.der London Roy.Soc.-Neffe v.Botaniker Konrad Sprengel/Or 81/,

geb.1834,Aug.29,Schillerslage bei Hannover,

gest.1906,Jan.14, London.

/Nachr.v.Messe 7 S.in London Chem. Soc.Journ.91,07/.-

Der eigentl.Erfinder der Bunsen´schen Pumpe, siehe Sprengel´s Vacuum pump, 16 p.8°,London & New York, 1881.-

Chem.Soc.J.Detect.of nitric acid 2 p./1,1863/.-Researches on t.vacuum, 12 p./3,1865/.-Determ. t.weight of heterogen.liquids, 7 p. /4,1866/.-Air-bath of const.temper. betw.100° & 200° C,1 p.-Nwe class of explosives which are non explosive during their manufacture etc. 12 p./11,1873/.-

Engl.Patent, Improvem.in the

SPRENGEL (**Hermann Johann Philipp,** F.R.S., *chemist*, 1834-1906) A.L.S. (H. SPRENGEL), 54 Denison Street, London, S.W., Nov. 3rd 1900, to 'Dear Dr. [Silvanus P.] Thompson', 1½ pages 8vo., £1, 1*s*

LONDON SOTHERAN 52

. . . 'Will you kindly look at the matter and tell me tomorrow at 3 p.m., when I shall take the liberty of calling on you, whether I have expressed myself to your satisfaction.' . . . This is endorsed by Prof. Thompson (in pencil) as follows: 'I told him it was too long and too bitter—that it would offend and irritate the neutral men who otherwise might be his friends. S.P.T.'

dear [Sir John] Evans, 2 pages 8vo., *an invitation*, 16s 6d

5917 **THOMSON (Elihu,** *electrical engineer*) A.L.S. (ELIHU THOMSON), Swampscott, Mass., 22nd 1898, to ' My dear Dr. Silvanus ' [Thompson], 3 pages 8vo., £1, 1s

. . . ' It is quite a disturbing factor, this war, and I hope it will soon be over. It will be worth the price if the fr liness of England is fully appreciated by the American people, as I am sure it is by the best of them even now. Old England and young America join hands for peace, and nothing could resist the combination.' . . .

5918 **THOMSON (Sir Joseph John,** O.M., *Master of Trinity Coll., Cantab.*, 1856-1940) A. C